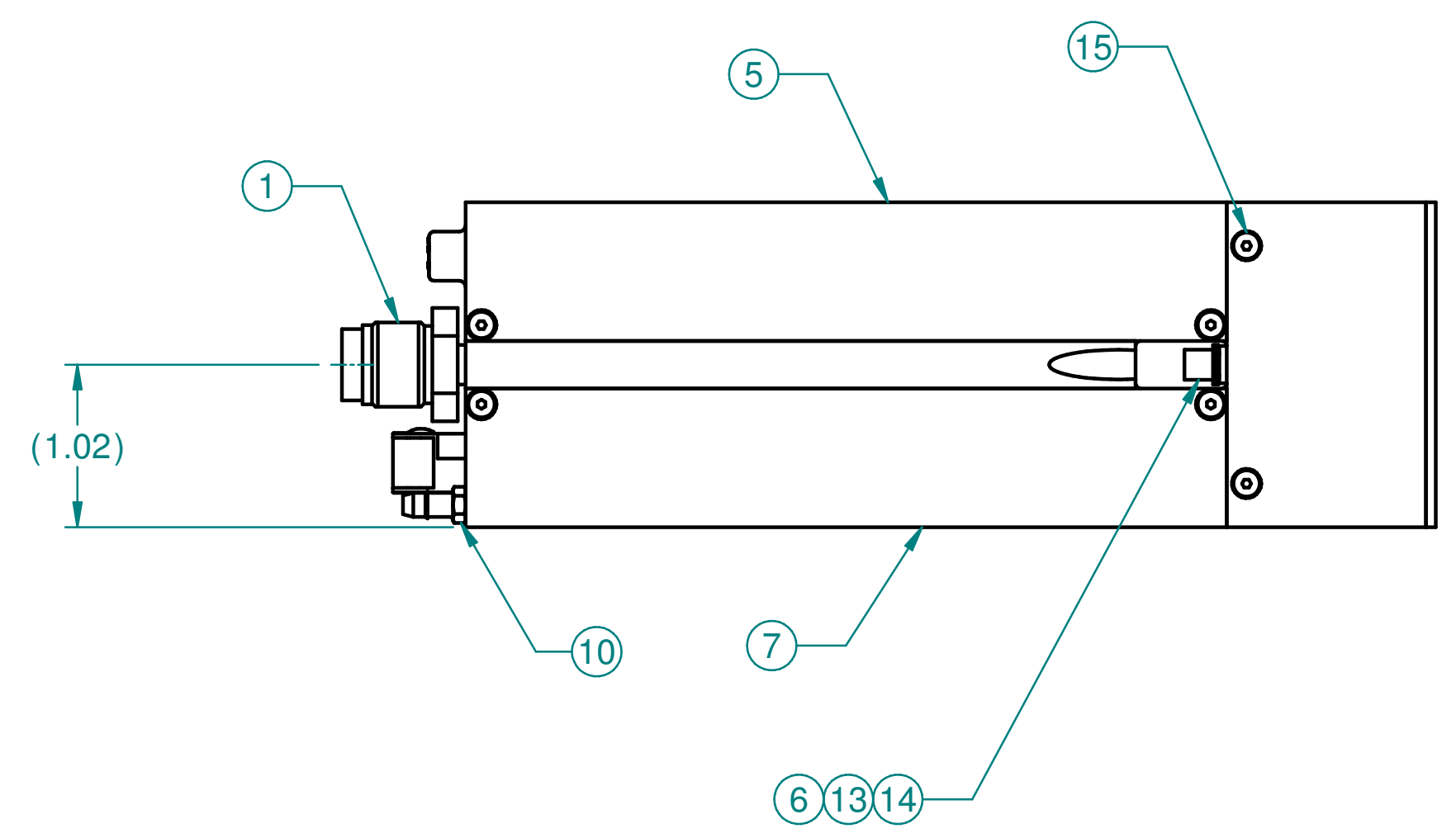
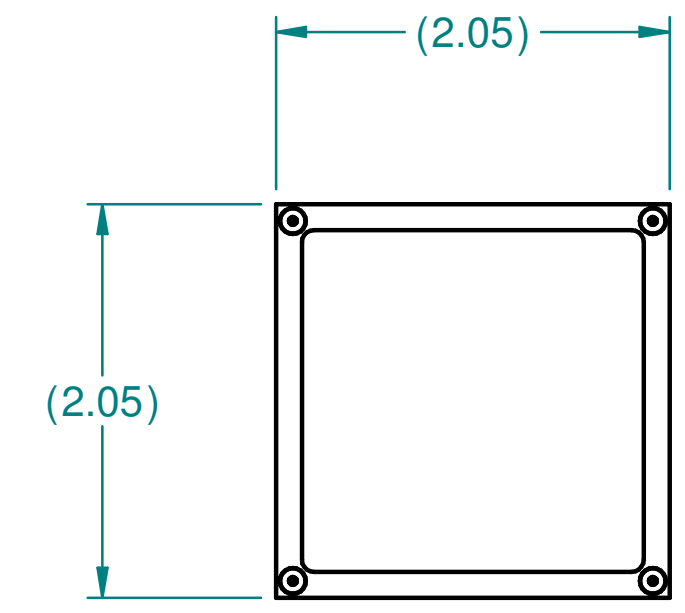
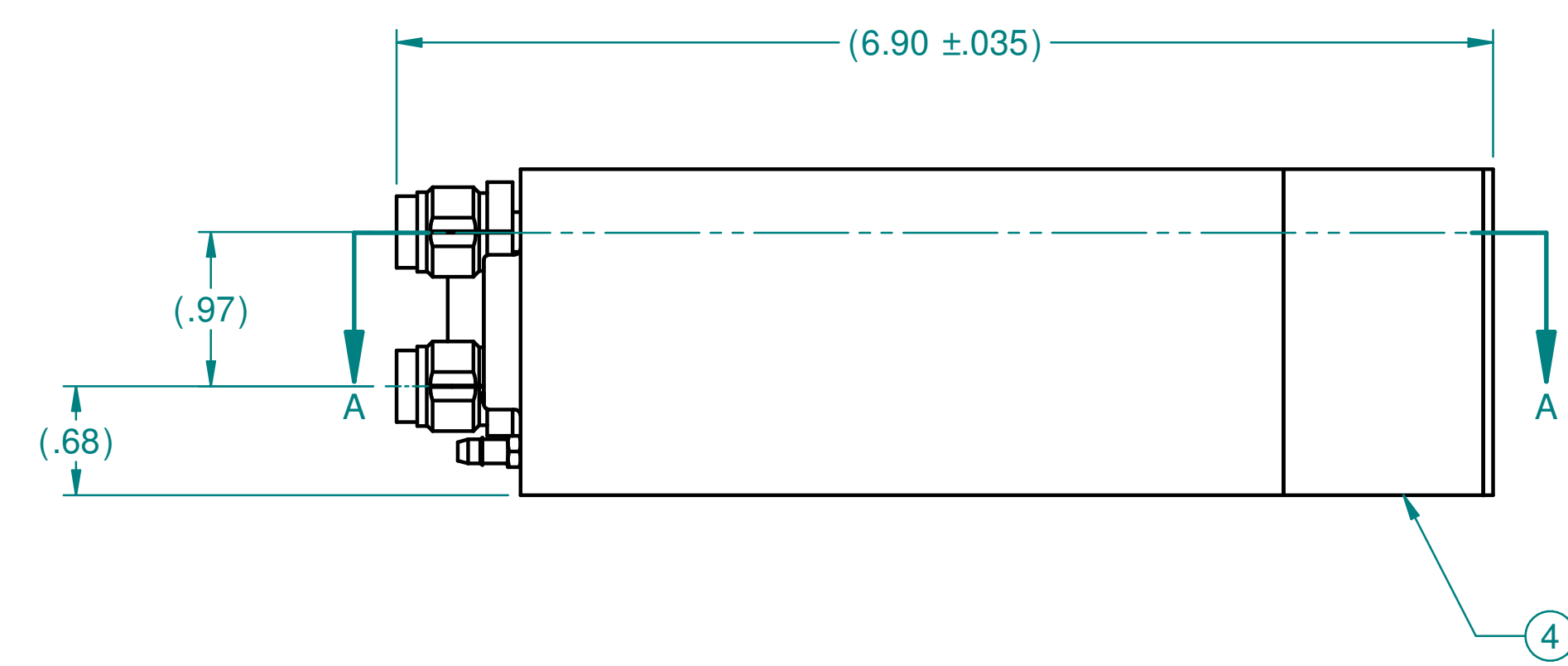


SECTION A-A



ITEM	PART NO	VENDOR PART NO	TITLE OR DESCRIPTION	QTY
20*	R-00008044		THERMALLY CONDUCTIVE GAP FILLER	2
19*	R-00007690		TOP, THERMALLY CONDUCTIVE GAP FILLER	1
18*	SA-261-100-82	-	FLEX CABLE ASSY	1
17*	R-000055509	-	SILICONE THERMAL GAP FILLER, .04 THK	A/R
16	SL050601-19853		WASHER, FLAT NAR, # 2, SST 316	8
15	SL050101-23383	UCCOMPONENTS FA-202	SCREW, CAP, FLAT SCH, #2-56 X .125, SST 18-8	12
14	SL050401-23225	McMASTER-CARR 90372A311	NUT, INSERT, HEX SKT, #4-40, .18 L, 18-8 SST	2
13	SL050610-23085	CUSTOM THERMOELECTRIC FST-BW-04	WASHER, SPR, BELLEVILLE DISC, #4, 302 SST, FLAT LOAD 48 LB	4
12	SL050101-20635	UCCOMPONENTS C-203-SV	SCREW, CAP, HEX SCH, #2-56 X .18, SLOT VENT, SST 18-8	6
11	SL050104-21347	McMASTER-CARR 92313A192	SCREW, SET, HEX SKT, CUP POINT, #8-32 X .375 L, SST 316	2
10	SL110600-00183	BESWICK ENGINEERING M3H-1332-010	MICRO DRILLED ORIFICE, M3 X .125 ID TUBE, .01 DIA THRU, 303 SST	1
9	LIB-000000819	TE TECHNOLOGY INC TE-127-1.4-1.5	PELTIER, THERMOELECTRIC MODULE, 40 mm X 40 mm X 3.90 mm THK	1
8	SL050101-20584	UCCOMPONENTS C-204	SCREW, CAP, HEX SCH, #2-56 X .25, SST, VENTED	2
7	DSG-000000352	-	LOWER COVER	1
6	PF-391-542-08		SHOULDER WASHER, #4 SCREW SIZE, PEEK	2
5	PF-391-542-05	-	TOP COVER	1
4	SA-391-542-13	-	NOSE ASSY	1
3	SA-391-542-68	-	STANDOFF ASSY 2	1
2*	SA-391-547-02	-	EPIX HR PCB ASSY	1
1	SA-391-547-01	-	COLD PLATE ASSY	1

NOTES: UNLESS OTHERWISE SPECIFIED  
 1. CHEMICAL CLEANING: CLEAN PER SLAC STANDARDS FOR UHV APPLICATIONS PRIOR TO ASSEMBLY.



DIMENSIONING AND TOLERANCING IS IAW ASME Y14.5-2009		SCALE: 2:1 DO NOT SCALE DRAWING	ESTIMATED MASS: 2.362 LB	CAD FILE NAME: sa39154700-0.dft
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. TOLERANCES: BREAK EDGES .005-.015 INTERNAL CORNERS R.015 MAX FRACTIONS ± --- DEC .XX± .02 .XXX± .005 .XXXX± --- ANGLE ± --- ALL SURF				
NEXT ASSEMBLIES:		THE DRAWINGS, SPECIFICATIONS AND OTHER DATA HEREIN PROVIDED SHALL NOT BE COPIED, PUBLISHED OR OTHERWISE FURTHER DISSEMINATED WITHOUT PRIOR WRITTEN PERMISSION OF STANFORD UNIVERSITY/SLAC ENGR M. ORIUNNO DATE 20180130 DWN S. BOO CHKR D. DOERING		
		APPROVALS S. BOO		LCLS DETECTORS EPIX HR CAMERA DRAWING NUMBER SA-391-547-00 REVISION NUMBER 0